

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	867	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L2	886	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L3	75	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L4	970	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L5	226	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L6	425	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L7	77	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L8	360	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L9	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2011/09/19 12:33
L10	65	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L11	39	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L12	16	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L13	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L14	207	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300" "5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978"	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33

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L15	136	L14 and @ad<"20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L16	0	L15 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L17	42	L15 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L18	98	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187").	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33

		URPN.				
L19	39801	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L20	205	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L21	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L22	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L23	55	L18 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L24	29	L18 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L25	9	(US-20010014785-\$).did. or (US-6638235-\$ or US-5580347-\$ or US-6162187-\$ or US-4598698-\$ or US-4750902-\$ or US-4168707-\$ or US-4832685-\$ or US-5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2011/09/19 12:33
L26	6	L25 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L27	0	L25 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L28	5255	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L29	114	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L30	1063	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L31	1547	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L32	751	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L33	519	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L34	350	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L35	230	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L36	702	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L37	226	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L38	5063	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L39	459	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L40	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L41	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L42	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L43	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L44	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L45	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L46	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L47	867	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L48	886	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L49	75	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L50	970	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L51	226	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L52	425	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L53	77	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L54	360	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L55	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2011/09/19 12:33
L56	65	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L57	39	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L58	16	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L59	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L60	207	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051"	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33

		"5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300" "5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230" "6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258"). PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
L61	136	L60 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L62	0	L61 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L63	42	L61 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L64	98	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L65	39801	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L66	205	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L67	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L68	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L69	55	L64 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L70	29	L64 and @ad<"20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L71	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US-6162187- \$ or US-4598698-\$ or US- 4750902-\$ or US-4168707- \$ or US-4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2011/09/19 12:33
L72	6	L71 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L73	0	L71 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L74	5255	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L75	114	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L76	1063	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L77	1547	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L78	751	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L79	519	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L80	350	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L81	230	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L82	702	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L83	226	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L84	5063	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L85	459	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L86	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L87	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L88	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L89	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L90	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L91	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L92	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L93	35	(US-20020082519-\$ or US-20010014785-\$ or US-20040147813-\$).did. or (US-6419641-\$ or US-6638235-\$ or US-3815604-\$ or US-4007742-\$ or US-4019514-\$ or US-4246902-\$ or US-5403276-\$ or US-5580347-\$ or US-5643304-\$ or US-5843111-\$ or US-5980546-\$ or US-6007497-\$ or US-6017316-\$ or US-6086544-\$ or US-6162187-\$ or US-6296624-\$ or US-4598698-\$ or US-4750902-\$ or US-5395379-\$ or US-4168707-\$ or US-4190059-\$ or US-4757814-\$ or US-4832685-\$ or US-4946434-\$ or US-5242404-\$ or US-5697898-\$).did. or (US-5885261-\$ or US-6083195-\$ or US-6273862-\$ or US-5167636-\$ or US-5282790-\$ or US-5505210-\$).did.	US-PGPUB; USPAT	OR	ON	2011/09/19 12:33
L94	4	L93 and @ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L95	52	@ad< "20040225" and biopsy and valve and ("Y" with (connector bifurcat \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L96	867	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L97	886	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L98	75	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L99	970	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L100	226	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L101	425	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L102	77	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L103	360	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L104	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2011/09/19 12:33
L105	65	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L106	39	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L107	16	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L108	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33

L109	207	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300" "5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230" "6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258").	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
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		PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
L110	136	L109 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L111	0	L110 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L112	42	L110 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L113	98	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L114	39801	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L115	205	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L116	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L117	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L118	55	L113 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L119	29	L113 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L120	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US-6162187- \$ or US-4598698-\$ or US- 4750902-\$ or US-4168707- \$ or US-4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2011/09/19 12:33
L121	6	L120 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L122	0	L120 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L123	5255	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L124	114	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L125	1063	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L126	1547	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L127	751	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L128	519	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L129	350	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L130	230	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L131	702	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L132	226	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L133	5063	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L134	459	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L135	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L136	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L137	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L138	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L139	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L140	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L141	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L142	867	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L143	886	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L144	75	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L145	970	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L146	226	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L147	425	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L148	77	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L149	360	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L150	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2011/09/19 12:33
L151	65	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L152	39	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L153	16	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L154	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L155	207	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300" "5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840"	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33

		"5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230" "6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258"). PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
L156	136	L155 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L157	0	L156 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L158	42	L156 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L159	98	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/19 12:33
L160	39801	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L161	205	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L162	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L163	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L164	55	L159 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L165	29	L159 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L166	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US-6162187- \$ or US-4598698-\$ or US- 4750902-\$ or US-4168707- \$ or US-4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2011/09/19 12:33
L167	6	L166 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L168	0	L166 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L169	5255	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L170	114	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L171	1063	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L172	1547	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L173	751	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L174	519	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L175	350	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L176	230	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L177	702	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L178	226	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L179	5063	@ad<"20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L180	459	@ad<"20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L181	46	@ad<"20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33

L182	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L183	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L184	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L185	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L186	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L187	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L188	35	(US-20020082519-\$ or US-20010014785-\$ or US-20040147813-\$).did. or (US-6419641-\$ or US-6638235-\$ or US-3815604-\$ or US-4007742-\$ or US-4019514-\$ or US-4246902-\$ or US-5403276-\$ or US-5580347-\$ or US-5643304-\$ or US-5843111-\$ or US-5980546-\$ or US-6007497-\$ or US-6017316-\$ or US-6086544-\$ or US-6162187-\$ or US-6296624-\$ or US-4598698-\$ or US-4750902-\$ or US-5395379-\$ or US-4168707-\$ or US-4190059-\$ or US-4757814-\$ or US-	US-PGPUB; USPAT	OR	ON	2011/09/19 12:33

		4832685-\$ or US-4946434-\$ or US-5242404-\$ or US-5697898-\$).did. or (US-5885261-\$ or US-6083195-\$ or US-6273862-\$ or US-5167636-\$ or US-5282790-\$ or US-5505210-\$).did.				
L189	4	L188 and @ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
L190	52	@ad< "20040225" and biopsy and valve and ("Y" with (connector bifurcat \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/19 12:33
S1	615	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 08:46
S2	666	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S3	57	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S4	792	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S5	160	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S6	278	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48

S7	65	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S8	327	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S9	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/08/15 08:48
S10	52	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:44
S11	31	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:45
S12	13	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:50
S13	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:50
S14	141	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 09:21

		"5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230" "6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258"). PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
S15	125	S14 and @ad<"20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:21
S16	0	S15 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:21
S17	40	S15 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:21

S18	63	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 09:37
S19	39073	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:37
S20	197	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:37
S21	107	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:38
S22	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:38
S23	53	S18 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:54
S24	29	S18 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:54

S25	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US-6162187- \$ or US-4598698-\$ or US- 4750902-\$ or US-4168707- \$ or US-4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2009/10/27 10:48
S26	6	S25 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 10:48
S27	0	S25 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 10:48
S28	4353	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:00
S29	107	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:00
S30	945	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:00
S31	1375	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S32	685	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01

S33	504	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S34	324	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S35	212	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S36	573	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:29
S37	198	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:29
S38	4947	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:50
S39	444	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S40	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51

S41	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S42	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S43	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S44	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:53
S45	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:53
S46	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:53
S47	817	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
S48	811	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S49	69	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

S50	936	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S51	212	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S52	378	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S53	76	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S54	349	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S55	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/12/01 09:30
S56	61	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
S57	36	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
S58	14	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
S59	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30

S60	180	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300" "5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230" "6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258").	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
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		PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
S61	133	S60 and @ad<"20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S62	0	S61 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S63	42	S61 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S64	80	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
S65	39612	@ad<"20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S66	203	@ad<"20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

S67	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S68	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S69	54	S64 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S70	29	S64 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S71	9	(US-20010014785-\$).did. or (US-6638235-\$ or US-5580347-\$ or US-6162187-\$ or US-4598698-\$ or US-4750902-\$ or US-4168707-\$ or US-4832685-\$ or US-5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2010/12/01 09:30
S72	6	S71 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S73	0	S71 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S74	4861	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

S75	108	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S76	1017	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S77	1470	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S78	726	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S79	514	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S80	334	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S81	218	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S82	649	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

S83	212	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S84	5032	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S85	455	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S86	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S87	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S88	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S89	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S90	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

S91	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S92	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
S93	35	(US-20020082519-\$ or US-20010014785-\$ or US-20040147813-\$).did. or (US-6419641-\$ or US-6638235-\$ or US-3815604-\$ or US-4007742-\$ or US-4019514-\$ or US-4246902-\$ or US-5403276-\$ or US-5580347-\$ or US-5643304-\$ or US-5843111-\$ or US-5980546-\$ or US-6007497-\$ or US-6017316-\$ or US-6086544-\$ or US-6162187-\$ or US-6296624-\$ or US-4598698-\$ or US-4750902-\$ or US-5395379-\$ or US-4168707-\$ or US-4190059-\$ or US-4757814-\$ or US-4832685-\$ or US-4946434-\$ or US-5242404-\$ or US-5697898-\$).did. or (US-5885261-\$ or US-6083195-\$ or US-6273862-\$ or US-5167636-\$ or US-5282790-\$ or US-5505210-\$).did.	US-PGPUB; USPAT	OR	ON	2010/12/01 09:31
S94	4	S93 and @ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:32
S95	51	@ad< "20040225" and biopsy and valve and ("Y" with (connector bifurcat \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:35
S96	842	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07

S97	859	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S98	73	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S99	957	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S100	218	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S101	401	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S102	76	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S103	355	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S104	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2011/05/19 08:07
S105	64	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S106	38	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07

S107	15	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S108	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S109	197	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300" "5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230"	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07

		"6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258"). PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
S110	134	S109 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S111	0	S110 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S112	42	S110 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S113	89	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S114	39726	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07

S115	205	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S116	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S117	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S118	54	S113 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S119	29	S113 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S120	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US-6162187- \$ or US-4598698-\$ or US- 4750902-\$ or US-4168707- \$ or US-4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2011/05/19 08:07
S121	6	S120 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S122	0	S120 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07

S123	5070	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S124	112	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S125	1038	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S126	1522	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S127	735	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S128	517	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S129	342	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S130	225	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07

S131	682	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S132	225	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S133	5051	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S134	459	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S135	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S136	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S137	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S138	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07

S139	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S140	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S141	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S142	842	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S143	859	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S144	73	600/563.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S145	957	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S146	218	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S147	401	600/566.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07

S148	76	600/571.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S149	355	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S150	11	("2866457" "20020082519" "3844272" "5335671" "5403276" "5868785" "6197005" "6273862" "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2011/05/19 08:07
S151	64	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S152	38	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S153	15	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S154	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S155	197	("20010014785" "3401684" "3561429" "3815604" "3937222" "3938505" "3945375" "3994297" "4007742" "4019514" "4117843" "4167943" "4167944" "4210146" "4246902" "4257425" "4368734" "4513745" "4530356" "4549554" "4562838" "4644951" "4650472" "4651753" "4696298" "4708147" "4817631" "4850373" "4907598" "4919146" "4926877" "4985027" "5027827" "5074311" "5106364" "5172701" "5183052" "5213110" "5273051" "5285795" "5295980" "5348022" "5370651" "5403276" "5411513" "5423844" "5429138" "5431673" "5456267" "5458112" "5464300"	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07

		"5520635" "5526822" "5575293" "5580347" "5620415" "5620447" "5643304" "5649547" "5669876" "5669923" "5669926" "5685840" "5700253" "5730717" "5741261" "5755731" "5769086" "5775333" "5782849" "5788651" "5794626" "5797907" "5800389" "5810806" "5843111" "5848978" "5851212" "5893862" "5911701" "5913857" "5916229" "5928164" "5928218" "5944673" "5964716" "5980469" "5980546" "5989196" "5997560" "6007497" "6012494" "6017316" "6019733" "6019743" "6048339" "6050955" "6056700" "6077230" "6080113" "6085749" "6086544" "6096042" "6120462" "6120463" "6142955" "6162187" "6193673" "6251120" "6293957" "6296624" "6461350" "RE33258"). PN. OR ("2002/0082519" "6419641" "6638235"). URPN.				
S156	134	S155 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S157	0	S156 and (vlave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S158	42	S156 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07

S159	89	("3659607" "3693613" "3732858" "3901231" "4016882" "4168707" "4190059" "4315520" "4320761" "4428748" "4517963" "4705500" "4757814" "4764165" "4817599" "4832685" "4946434" "5026387" "5053002" "5062774" "5157603" "5188102" "5209719" "5211625" "5242404" "5526822" "5649547" "5697898" "5775333" "5885261"). PN. OR ("2001/0014785" "5580347" "6162187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/05/19 08:07
S160	39726	@ad< "20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S161	205	@ad< "20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:07
S162	111	@ad< "20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S163	22	@ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S164	54	S159 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S165	29	S159 and @ad< "20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08

S166	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US-6162187- \$ or US-4598698-\$ or US- 4750902-\$ or US-4168707- \$ or US-4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2011/05/19 08:08
S167	6	S166 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S168	0	S166 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S169	5070	600/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S170	112	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S171	1038	600/561.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S172	1522	600/573.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S173	735	600/576.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08

S174	517	600/577.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S175	342	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S176	225	600/579.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S177	682	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S178	225	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S179	5051	@ad< "20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S180	459	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S181	46	@ad< "20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08

S182	43	@ad< "20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S183	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S184	0	@ad< "20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S185	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S186	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S187	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S188	35	(US-20020082519-\$ or US-20010014785-\$ or US-20040147813-\$).did. or (US-6419641-\$ or US-6638235-\$ or US-3815604-\$ or US-4007742-\$ or US-4019514-\$ or US-4246902-\$ or US-5403276-\$ or US-5580347-\$ or US-5643304-\$ or US-5843111-\$ or US-5980546-\$ or US-6007497-\$ or US-6017316-\$ or US-6086544-\$ or US-6162187-\$ or US-6296624-\$ or US-4598698-\$ or US-4750902-\$ or US-5395379-\$ or US-4168707-\$ or US-4190059-\$ or US-4757814-\$ or US-	US-PGPUB; USPAT	OR	ON	2011/05/19 08:08

		4832685-\$ or US-4946434-\$ or US-5242404-\$ or US-5697898-\$).did. or (US-5885261-\$ or US-6083195-\$ or US-6273862-\$ or US-5167636-\$ or US-5282790-\$ or US-5505210-\$).did.				
S189	4	S188 and @ad< "20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08
S190	51	@ad< "20040225" and biopsy and valve and ("Y" with (connector bifurcat \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/05/19 08:08

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L191	2	(check and valve and biopsy).clm.	USPAT; UPAD	OR	ON	2011/09/19 12:33
L192	0	(check and valve and biopsy and vacuum).clm.	USPAT; UPAD	OR	ON	2011/09/19 12:33
S191	2	(check and valve and biopsy).clm.	USPAT; UPAD	OR	ON	2011/05/19 08:10
S192	0	(check and valve and biopsy and vacuum).clm.	USPAT; UPAD	OR	ON	2011/05/19 08:10

9/ 19/ 2011 12:40:06 PM

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